

# Mohd Waseeq Zafar

waseeqzafar04@gmail.com | +91-9403271915

LinkedIn | GitHub | LeetCode | Portfolio

## Education

**Bachelor of Technology in Computer Science and Engineering** *Sep 2022 – Present*  
Vellore Institute of Technology, Chennai

**Higher Secondary Schooling (Class XII)** *Apr 2021 – Jul 2022*  
Kendriya Vidyalaya, Shillong

## Personal Projects

### S.W.E.N.S

Spring Boot · React.js · Kafka · gRPC · Redis · Polyglot Persistence

- Developed a workflow automation platform using 6 Spring Boot microservices and a React.js frontend to support live task management, including creation, assignment, and updates.
- Replaced REST APIs with gRPC to streamline internal service communication, improving latency by up to 50%.
- Integrated Kafka to coordinate multi-database updates and trigger automated email notifications through Spring Mail.

### Patient Management

Spring Boot · gRPC · Kafka · Docker · AWS

- Designed a modular system for managing patient records, billing, and treatment using Spring Boot and secure gRPC-based services.
- Utilized Kafka streams to enable asynchronous data flows, significantly enhancing reporting speed.
- Deployed Dockerized services to AWS, significantly accelerating rollout and reducing manual setup time.

## Experience

**VITC Robotics Club – Treasurer** *Jul 2024 – Sep 2024*  
Vellore Institute of Technology Chennai

- Led planning and execution of 6+ campus events, engaging 500+ attendees.
- Handled financial logistics, including budgeting, tracking, and reimbursements.
- Prepared detailed post-event reports, increasing attendee satisfaction by 25%.

**VITC Fest – Organizing Committee Member** *Mar 2024 (4-day event)*  
Vellore Institute of Technology Chennai

- Supervised 20+ stalls during a 4-day festival, maintaining 98% hygiene compliance.
- Coordinated crowd flow and addressed attendee concerns for 5,000+ participants.
- Collaborated with 30+ team members to address challenges and resolve on-ground issues.

## Technical Skills and Interests

**Core Concepts:** Data Structures and Algorithms (DSA), Operating Systems (OS), Computer Networks (CN), Object Oriented Programming (OOP), Database Management Systems (DBMS)

**Programming Languages:** Java, Python, C++

**Libraries/Frameworks:** React.js, Spring Boot

**Tools/Platforms:** Git, GitHub, Docker, Postman, AWS(EC2, ELB, ASG, S3), Kafka, gRPC, VS Code, IntelliJ IDEA

**Databases:** PostgreSQL, MongoDB, Redis

**Areas of Interest:** Backend Development, Cloud Architecture

## Certifications

SQL for Data Science	Coursera — <a href="#">View Certificate</a>
AWS Certified Cloud Practitioner (CLF-C02)	Udemy — <a href="#">View Certificate</a>
MERN Full Stack Development	Ethnus — <a href="#">View Certificate</a>